

STANDARD DUCT BANK FOR SUBSIDENCE AREA

Where land is subject to subsidence or lateral movement, the use of expansion joints in duct runs is required. Use expansion couplings to provide for gross movement of one percent uniformly along the duct runs and set equally for expansion and contraction. That is, in each 100ft of duct run the expansion collars used must provide for six inches of expansion and six inches of contraction in the run without damage to the ducts and without separation at the joints.

Duct approved for this kind of work:

- a. Johns-Manville--"Conduit" (asbestos cement)

INSTALLATION

Assemble expansion end of coupling and conduit first. Paint index mark on conduit when at full depth in coupling, then back coupling off approximately one inch. Place assembled conduit and coupling in trench with index mark up and readjust to one inch clearance if necessary. Apply a mastic joint sealing compound to taper end of conduit only.

DUCT BANK INSTALLATION AND DETAILS

Install ducts with 3" of compacted earth or sand cushion on sides and top. Place a 3" thick cap of concrete on top of the 3" cushion. This cap to project 3" beyond the outside limits of the bank. Complete backfill in a normal manner. (see UGS-125)